

SAFETY DATA SHEET

MasterTop BC 372 RAL7035(TR) PTA

Version 1.0 Revision Date: 02.07.2020 SDS Number: 000000525166 Date of last issue: -
Date of first issue: 02.07.2020

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : MasterTop BC 372 RAL7035(TR) PTA
Product code : 000000000055589886

Manufacturer or supplier's details

Company : Master Builders Solutions
Yapı Kimyasalları Sanayi ve Ticaret Ltd.
Sti.,
Address : Ataşehir Kuzey, C Kapısı 3E/ 5-12
İstanbul, Turkey T30 34746
Telephone : +902162178800
Emergency telephone : Acil İlk Yardım Merkezi: 112 Ulusal Zehir Danışma Merkezi:
114 İtfaiye: 110
Telefax : +902162178800

Recommended use of the chemical and restrictions on use


Recommended use : Product for construction chemicals

2. HAZARDS IDENTIFICATION

GHS Classification

Skin irritation : Category 2
Eye irritation : Category 2A
Skin sensitization : Category 1A
Short-term (acute) aquatic hazard : Category 2
Long-term (chronic) aquatic hazard : Category 2

GHS label elements

Hazard pictograms : 

Signal Word : Warning

Hazard Statements : H319 Causes serious eye irritation.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H401 Toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.

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Precautionary Statements
Prevention:

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
 P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
 P273 Avoid release to the environment.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P264 Wash face, hands and any exposed skin thoroughly after handling.

Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P333 + P311 If skin irritation or rash occurs: Call a POISON CENTER or doctor/physician.
 P303 + P352 IF ON SKIN (or hair): Wash with plenty of soap and water.
 P332 + P313 If skin irritation occurs: Get medical advice/ attention.
 P362 + P364 Take off contaminated clothing and wash it before reuse.
 P391 Collect spillage.
 P337 + P311 If eye irritation persists: Call a POISON CENTER or doctor/physician.

Disposal:

P501 Dispose of contents/container to appropriate hazardous waste collection point.

Other hazards which do not result in classification

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Preparation based on:
 epoxy resin
 Fillers
 pigments

Components

Chemical name	CAS-No.	Concentration (% w/w)
Reaction product: bisphenol-A-(epichlorhydrin)-Epoxy resin (number average molecular weight <= 700)	25068-38-6	>= 25 - < 50
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	68609-97-2	>= 3 - < 10
Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol	9003-36-5	>= 1 - < 7
Benzyl alcohol	100-51-6	>= 1 - < 2,5
Solvent naphtha (petroleum), light arom.	64742-95-6	>= 0,1 - < 0,25
1-methoxy-2-propylacetate	108-65-6	>= 0,1 - < 0,25

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4. FIRST AID MEASURES

- General advice : First aid personnel should pay attention to their own safety.
Remove contaminated clothing.
- If inhaled : If difficulties occur after vapour/aerosol has been inhaled,
remove to fresh air and seek medical attention.
- In case of skin contact : After contact with skin, wash immediately with plenty of water
and soap.
Under no circumstances should organic solvent be used.
If irritation develops, seek medical attention.
- In case of eye contact : Wash affected eyes for at least 15 minutes under running
water with eyelids held open, consult an eye specialist.
- If swallowed : Immediately rinse mouth and then drink 200-300 ml of water,
seek medical attention.
Do not induce vomiting unless told to by a poison control center or doctor.
- Most important symptoms and effects, both acute and delayed : Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye irritation.

5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Foam
Water spray
Dry powder
Carbon dioxide (CO₂)
- Unsuitable extinguishing media : water jet
- Hazardous combustion products : harmful vapours
nitrogen oxides
fumes/smoke
carbon black
- Specific extinguishing methods : The degree of risk is governed by the burning substance and
the fire conditions.
Contaminated extinguishing water must be disposed of in
accordance with official regulations.
Collect contaminated extinguishing water separately, do not
allow to reach sewage or effluent systems.
If exposed to fire, keep containers cool by spraying with water.
- Special protective equipment for fire-fighters : Wear a self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective clothing.
Do not breathe vapour/aerosol/spray mists.
Handle in accordance with good building materials hygiene
and safety practice.
If exposed to high vapour concentration, leave area immediately.
Wear eye/face protection.
- Environmental precautions : Contain contaminated water/firefighting water.

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Do not discharge into drains/surface waters/groundwater.

Methods and materials for containment and cleaning up : Pick up with inert absorbent material (e.g. sand, earth etc.).
Dispose of contaminated material as prescribed.

7. HANDLING AND STORAGE

Advice on protection against fire and explosion : The product is not an oxidizer, not self-combustible and not explosive.
Take precautionary measures against static discharges.

Advice on safe handling : Avoid aerosol formation.
Avoid inhalation of mists/vapours.
Avoid skin contact.
No special measures necessary provided product is used correctly.

Further information on storage conditions : Keep only in the original container in a cool, well-ventilated place.
Protect from direct sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION
Ingredients with workplace control parameters

The substances without values are not listed in the occupational exposure regulations for the validity area of this safety data sheet.

Personal protective equipment

Respiratory protection : Wear respiratory protection if ventilation is inadequate.
Combination filter for gases/vapours of organic, inorganic, acid inorganic and alkaline compounds (e.g. EN 14387 Type ABEK).

Hand protection

Remarks : Chemical resistant protective gloves (EN 374) Manufacturer's directions for use should be observed because of great diversity of types. Supplementary note: The specifications are based on tests, literature data and information of glove manufacturers or are derived from similar substances by analogy. Due to many conditions (e.g. temperature) it must be considered, that the practical usage of a chemical-protective glove in practice may be much shorter than the permeation time determined through testing.
Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): butyl rubber (butyl) - 0.7 mm coating thickness fluoroelastomer (FKM) - 0.7 mm coating thickness
Suitable materials for short-term contact (recommended: At least protective index 2, corresponding > 30 minutes of permeation time according to EN 374) polyvinylchloride (PVC) - 0.7 mm coating thickness chloroprene rubber (CR) - 0.5 mm

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coating thickness nitrile rubber (NBR) - 0.4 mm coating thickness

Eye protection : Safety glasses with side-shields (frame goggles) (e.g. EN 166)

Skin and body protection : Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

Protective measures : Do not inhale gases/vapours/aerosols.
Avoid contact with the skin, eyes and clothing.
Avoid exposure - obtain special instructions before use.
Handle in accordance with good building materials hygiene and safety practice.
Wearing of closed work clothing is recommended.

Hygiene measures : When using, do not eat, drink or smoke.
Hands and/or face should be washed before breaks and at the end of the shift.
At the end of the shift the skin should be cleaned and skin-care agents applied.
Gloves must be inspected regularly and prior to each use.
Replace if necessary (e.g. pinhole leaks).

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Color : various, depending on the colourant

Odor : characteristic

pH : approx. 7 (23 °C)

Melting temperature : not applicable

Boiling point : > 150 °C

Flash point : 63 °C

Method: Flashpoint test using closed cup, determination of flashpoint.

Flammability (solid, gas) : not highly flammable

Vapor pressure : No data available

Density : approx. 1,7 g/cm³ (approx. 20 °C)

Solubility(ies)
Water solubility : partly miscible (23 °C)

Partition coefficient: n-octanol/water : No data available

Autoignition temperature : No data available

Decomposition temperature : No decomposition if stored and handled as prescribed/indicated.

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Viscosity
Viscosity, dynamic : approx. 4.500 mPa.s (23 °C)

Explosive properties : Not explosive
Not explosive

Oxidizing properties : not fire-propagating

Metal corrosion rate : No corrosive effect on metal.

10. STABILITY AND REACTIVITY

Reactivity : No hazardous reactions if stored and handled as prescribed/indicated.

Chemical stability : The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions : The product is stable if stored and handled as prescribed/indicated.

Conditions to avoid : See SDS section 7 - Handling and storage.

Incompatible materials : Strong acids
Strong bases
Strong oxidizing agents
Strong reducing agents

Hazardous decomposition products : No hazardous decomposition products if stored and handled as prescribed/indicated.

11. TOXICOLOGICAL INFORMATION**Acute toxicity**

Not classified based on available information.

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Causes serious eye irritation.

Respiratory or skin sensitization**Skin sensitization**

May cause an allergic skin reaction.

Respiratory sensitization

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

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Reproductive toxicity

Not classified based on available information.

STOT-single exposure

Not classified based on available information.

STOT-repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

Product:

No aspiration hazard expected.

Components:**Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol:**

No aspiration hazard expected.

Further information**Product:**

Remarks : Health injuries are not known or expected under normal use. The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

12. ECOLOGICAL INFORMATION**Ecotoxicity****Product:****Ecotoxicology Assessment**

Acute aquatic toxicity : Toxic to aquatic life.

Chronic aquatic toxicity : Toxic to aquatic life with long lasting effects.

Persistence and degradability

No data available

Bioaccumulative potential**Product:**

Bioaccumulation : Remarks: Because of the product's consistency and low water solubility, bioavailability is improbable.

Components:**oxirane, mono[(C12-14-alkyloxy)methyl] derivs.:**

Partition coefficient: n-octanol/water : log Pow: 7,25 (25 °C)
Method: other (calculated)
GLP: no

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Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol:

Partition coefficient: n-octanol/water : Remarks: insoluble

Benzyl alcohol:

Partition coefficient: n-octanol/water : log Pow: 1,05 (20 °C)
Method: Partition Coefficient
GLP: no data
Remarks: Information taken from reference works and the literature.

Solvent naphtha (petroleum), light arom.:

Bioaccumulation : Remarks: Because of the n-octanol/water distribution coefficient (log Pow) accumulation in organisms is possible.

Partition coefficient: n-octanol/water : log Pow: 3,7 - 4,5

1-methoxy-2-propylacetate:

Partition coefficient: n-octanol/water : log Pow: 1,2 (20 °C)
pH: 6,8
Method: Partition coefficient (n-octanol/water), HPLC method.
GLP: yes

Mobility in soil**Components:****Solvent naphtha (petroleum), light arom.:**

Distribution among environmental compartments : Adsorption
Kd: 1.837, log Kd: 3,26
Method: Calculation method
Remarks: Adsorption to solid soil phase is expected.

Other adverse effects**Product:**

Additional ecological information : Acutely toxic for aquatic organisms.
Do not discharge product into the environment without control.

13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues : Observe national and local legal requirements.
Residues should be disposed of in the same manner as the substance/product.

Contaminated packaging : Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after being thor-

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oroughly cleaned.

14. TRANSPORT INFORMATION
International Regulations
UNRTDG

UN number	: UN 3082
Proper shipping name	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BISPHENOL-A-EPICHLORHYDRIN RESINS M <=700)
Class	: 9
Subsidiary risk	: EHSM
Packing group	: III
Labels	: 9 (EHSM)

IATA-DGR

UN/ID No.	: UN 3082
Proper shipping name	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BISPHENOL-A-EPICHLORHYDRIN RESINS M <=700)
Class	: 9
Subsidiary risk	: EHSM
Packing group	: III
Labels	: Miscellaneous, Environmentally hazardous
Packing instruction (cargo aircraft)	: 964
Packing instruction (passenger aircraft)	: 964

IMDG-Code

UN number	: UN 3082
Proper shipping name	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BISPHENOL-A-EPICHLORHYDRIN RESINS M <=700)
Class	: 9
Subsidiary risk	: EHSM
Packing group	: III
Labels	: 9 (EHSM)
EmS Code	: F-A, S-F
Marine pollutant	: yes

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

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15. REGULATORY INFORMATION**Safety, health and environmental regulations/legislation specific for the substance or mixture**

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

16. OTHER INFORMATION**Full text of other abbreviations**

AICS - Australian Inventory of Chemical Substances; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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